

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18	("4009893"   "4377302").PN. OR ("4619472").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/27 09:23
L2	4	kaiser-trent.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/27 09:24
L3	0	kaiser-trent-m.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/27 09:25
L4	0	kaiser-trent-m.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 09:26
L5	5	kaiser-trent.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 09:25
L6	6	"823379".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 09:25
L7	5	kaiser-trent-m-v.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 09:47
L8	32	285/333.ccls. and undercut	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 09:47
L9	15	("2196966").URPN.	USPAT	OR	ON	2007/11/27 10:04
S1	3	"drive rod string" and connector and taper and rod and frustoconical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/26 10:07
S2	0	("2004/0022657").URPN.	USPAT	OR	ON	2007/11/26 10:07
S3	4	"drive rod string" and connector and taper and rod	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/26 11:12

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S4	2	vogt-gregory-a.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/26 11:11
S5	6	white-jack-d.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/26 11:11
S6	24	"drive rod string" and connector and rod	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/26 11:25
S7	1	"403".clas. and "drive rod string"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/26 11:25
S8	49	("0339534"   "1267250"   "3173524"   "4044513"   "4802317").PN. OR ("5031370").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 11:28
S9	2	("1267250").URPN.	USPAT	OR	ON	2007/11/26 11:32
S10	1	("339534").URPN.	USPAT	OR	ON	2007/11/26 11:47
S11	555	285/333.ccls.	USPAT	OR	ON	2007/11/26 13:26
S12	80	("2054118"   "2122757"   "2161568"   "2918315"   "4384737"   "4538840"   "4550937"   "4600219").PN. OR ("5015017").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 12:11
S13	3	("2161568").URPN.	USPAT	OR	ON	2007/11/26 12:17
S14	25	("2258066"   "3359013"   "3572777"   "3870351"   "4085951"   "4384737"   "4398756").PN. OR ("4732416").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 12:24
S15	938	285/383.ccls.	USPAT	OR	ON	2007/11/26 13:27
S16	894	S15 not S11	USPAT	OR	ON	2007/11/26 13:21
S17	30	S16 and taper	USPAT	OR	ON	2007/11/26 13:24
S18	13	S16 and drill	USPAT	OR	ON	2007/11/26 13:24
S19	3	S15 and shoulder and roughened	USPAT	OR	ON	2007/11/26 13:25
S20	3	S15 and roughened	USPAT	OR	ON	2007/11/26 13:26
S21	9	S15 and rough	USPAT	OR	ON	2007/11/26 13:26
S22	6	S11 and roughened	USPAT	OR	ON	2007/11/26 13:26

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S23	33	(US-20040151608-\$ or US-20040022657-\$ or US-20040241045-\$ or US-20040177970-\$).did. or (US-5031370-\$ or US-1267250-\$ or US-0339534-\$ or US-6494499-\$ or US-6485063-\$ or US-6412831-\$ or US-6367845-\$ or US-6363598-\$ or US-6273474-\$ or US-6237967-\$ or US-5931511-\$ or US-5709416-\$ or US-5580101-\$ or US-5263748-\$ or US-5221113-\$ or US-5015017-\$ or US-6550822-\$ or US-2161568-\$ or US-2122757-\$ or US-4732416-\$ or US-4431219-\$ or US-4386458-\$ or US-3923324-\$ or US-2532632-\$ or US-2345725-\$ or US-2021184-\$). did. or (US-1961762-\$ or US-0518793-\$).did. or (US-1267250-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 13:38
S24	2	("518793").URPN.	USPAT	OR	ON	2007/11/26 13:43
S25	1	"5549336".pn.	USPAT	OR	ON	2007/11/26 13:43
S26	11	("4153283"   "4548431"   "4730857"   "4984829"   "5064224").PN. OR ("5549336").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 13:45
S27	91	285/390.ccls. and shoulder and clearance	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 13:45
S28	18	("4009893"   "4377302").PN. OR ("4619472").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 14:05
S29	25	("1605316" "1776611" "1889866" "2206166" "2320107" "2532632" "2745685" "3754609" "3933395" "3978933" "4205926" "4360320" "4506432" "4592427" "4982801" "5015162" "5015162" "5549336" "6213229").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:10
S30	28	285/333,383.ccls. and roughened	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:13
S31	433	"roughened surface" near4 friction	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:15
S32	4	S31 and "285".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:14
S33	366014	"roughened surface" near4 friction near "4" torque	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:15

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S34	1	"roughened surface" near4 friction near4 torque	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:16
S35	0	"roughened to prevent rotation"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:16
S36	0	"roughened to increase friction"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:16
S37	890	knurled near4 friction	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:17
S38	0	knurled near4 "increas\$3 friction"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:17
S39	14	knurled near4 "increasing friction"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:20
S40	0	"coefficient of friction" with roughened	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:21
S41	0	"coefficient of friction" same roughened	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:21
S42	0	"coefficient of friction" and roughened	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:21
S43	1	"coefficient of friction"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:22
S44	0	"coefficient of friction" with roughened	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:22
S45	1	"coefficient of friction"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:22
S46	66	"friction coefficient" with roughened	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:24
S47	0	("friction coefficient" with roughened) and "285".cls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:24
S48	0	("friction coefficient" with roughened) and "285".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:24

## EAST Search History

S49	16	"285".clas. and (rough near4 friction)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:34
S50	1	285/333.ccls. and (rough near4 friction)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:56
S51	1	"4619472".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/26 15:56